

34. (New) A mobile electronic camera for sending images comprising:
a first assembly for optically capturing a transmission image motif and
producing an image message from the transmission image motif;
a second assembly configured to process the produced image message for
transmission;
a third assembly for transmitting the image message for receiving the image
message via a telecommunication channel which comprises an electronic monitor;
and
a fourth assembly for controlling function sequences in the first, second, and
third assemblies of the mobile electronic camera;
wherein the first, second, third, and fourth assemblies are contained in a
mobile wireless telecommunication device.

35. (New) The mobile electronic camera as claimed in claim 34, wherein the
mobile wireless telecommunication device, the electronic camera and the electronic
monitor are configured to form a telecommunication arrangement that is controlled
by one of verbal communication between communication subscribers and remote
control.

36. (New) The mobile electronic camera as claimed in claim 34, wherein the
third assembly is connected directly to the telecommunication channel.

37. (New) The mobile electronic camera as claimed in claim 34, wherein the
third assembly is connected to the telecommunication channel via an acoustic coupling
to the telecommunication device.

38. (New) The mobile electronic camera as claimed in claim 34, wherein the
first assembly and the fourth assembly are constructed such that the image information

contained in the image message is composed of 100x100 pixels having 16 shades of gray that are represented by 4 bits per image pixel.

39. (New) The mobile electronic camera as claimed in claim 34, wherein the first, second, third and fourth assemblies are configured in such a way that, of data bits defining the image pixels of the image information, initially only a most significant bit is transmitted and a next-most-significant bit is transmitted in subsequent image build-up phases.

40. (New) The mobile electronic camera as claimed in claim 34, wherein the first and fourth assemblies are configured assembly and the fourth assembly are configured such that, beginning from a center point of the transmission image motif, pixels of the transmission image motif arranged toward an outside portion of the transmission image motif away from the center point are spirally arranged to form image information of the image message.

41. (New) The mobile electronic camera as claimed in claim 34, wherein the first, second, third and fourth assemblies are configured to transmit an error detection code together with the image message.

42. (New) The mobile electronic camera as claimed in claim 34, wherein the first, second, third and fourth assemblies are configured so that one of neighboring pixels and groups of pixels of the transmission image motif are arranged in one of a time-shifted mode and an interleaved mode to form image information of the image message.

43. (New) The mobile electronic camera as claimed in claim 34, wherein the first, second, third and fourth assemblies are configured such that a speed at which the

image messages are transmitted is adapted to a quality of the telecommunications channel.

44. (New) The mobile electronic camera as claimed in claim 34, wherein first, second, third and fourth assemblies are configured such that actual brightness values of the transmitted image message are assigned desired brightness values stored in an assignment table.

45. (New) The mobile electronic camera as claimed in claim 45, wherein the first, second, third and fourth assemblies are configured such that the actual brightness values are adapted to the desired brightness values stored in the assignment table to utilize a brightness dynamic range before the assignment.

46. (New) The mobile electronic camera as claimed in claim 34, further comprising a first image message store for buffer-storing the image messages.

47. (New) The mobile electronic camera as claimed in claim 34, wherein the first, second, third and fourth assemblies are remote-controllable.

48. (New) The mobile electronic camera as claimed in claim 48, wherein the fourth assembly is remote-controllable by dialing from a telephone.

49. (New) The mobile electronic camera as claimed in claim 34, wherein the first assembly has an optical searching device that is configured for selection of an image motif area to be transmitted.

50. (New) The mobile electronic camera as claimed in claim 34, wherein the first assembly for optically capturing the transmission image motifs includes one or more focusing devices.

5 51. (New) The mobile electronic camera as claimed in claim 34, wherein the mobile electronic camera is a part of a telecommunication arrangement for transmitting images.

10 52. (New) The mobile electronic camera as claimed in claim 34, wherein the mobile electronic camera is a part of a telecommunication arrangement for transmitting black-and-white images.

15 53. (New) The mobile electronic camera as claimed in claim 34, wherein the mobile electronic camera is a part of a surveillance device.

20 54. (New) The mobile electronic camera as claimed in claim 34, wherein the mobile electronic camera is a part of a telecommunication arrangement for targeted transmission of visual information.

25 55. (New) The mobile electronic camera as claimed in claim 34, wherein the electronic camera is directly coupleable with an electronic monitor.

REMARKS

The present application is a continuation application of the parent application.

25 Applicants have provided a concurrently submitted substitute specification and marked up copy, but have added no new matter with this substitute specification.